

# DRIP, DRIP, DRIP

HEY, I JUST SPOTTED A CLASS III LEAK ON THE ELEVATION CYLINDER!

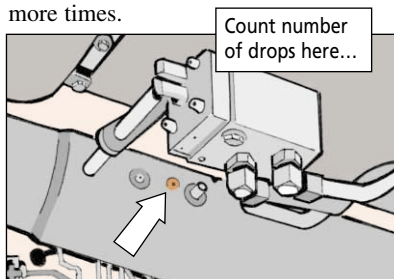
HOLD ON A MINUTE. DID YOU COUNT THE NUMBER OF DROPS?

**Y**ou've spotted oil dripping from the vent holes on your Paladin's elevation cylinder. Must be a Class III leak, right?

Not necessarily! When the cannon is elevated and depressed, it's normal to see several drops of oil coming from the two vent holes on the elevation cylinder. Just **how many** drops will determine whether there's a problem.

Page 2-75 in Change 1 (Apr 01) to TM 9-2350-314-10 says to check the cylinder monthly like this:

1. Elevate and depress the cannon three times.
2. Wipe down the elevation cylinder with a clean cloth.
3. Watch the vent holes while someone else elevates and depresses the cannon 25 more times.



If you see no more than six drops of oil from each vent hole during this time, everything's OK. But if you see more than six drops from either vent, the elevation cylinder's leaking too much. Call your mechanic. He'll determine if your howitzer needs to go to DS for repair.